



## Acoustic Performance to BS EN ISO 10140-2: 2010

**Document No. CDG-AP23**

### F10-100mm Partitioning System Double Glazed Screen Mullion Free

This is to advise that the double glazed construction combination of the above partitioning system installed with vertical glass to glass dry joints as detailed in The Building Test Centre Report BTC 19899BA (available on request) and summarised on page 2 has been tested in accordance with BS EN ISO 10140-2:2010 for measurements of airborne sound insulation of building elements and that the resulting  $R_w$  measurements are derived from BS EN ISO 717/1;2013.

12mm Toughened Safety Glass  
and  
12mm Toughened Safety Glass

**$R_w$  47dB**

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# Acoustic Performance

to BS EN ISO 10140-2: 2010

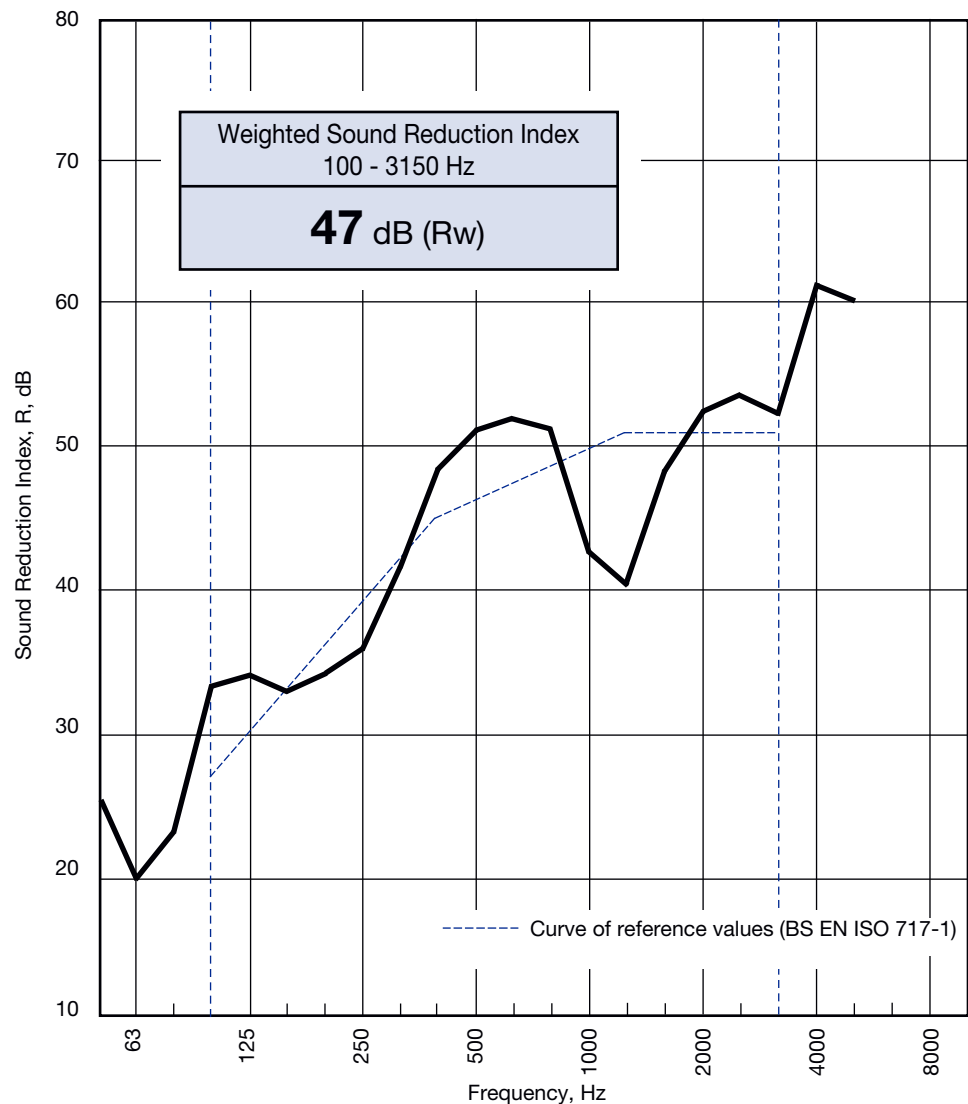
## F10-100mm Partitioning System

Double Glazed Screen with  
12mm Toughened & 12mm Toughened Safety Glass  
Summary of Results

Test Report:  
BTC 19899BA

Test Date:  
14 March 2017

Freq. Hz	R dB
50	25.2
63	20.0
80	23.2
100	33.4
125	34.2
160	33.1
200	34.3
250	36.1
315	41.6
400	48.3
500	51.1
630	51.9
800	51.1
1000	42.7
1250	40.3
1600	48.3
2000	52.5
2500	53.6
3125	52.2
4000	61.2
5000	60.0
6300	
8000	
10000	



The above data must be read in conjunction with the test summary description given on page 1.  
The information given is an extract of the test report supplied by The Building Test Centre,  
East Leake, Loughborough. BTC is a UKAS approved test laboratory.

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